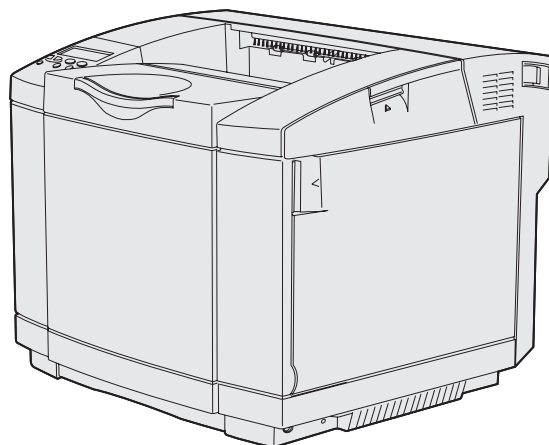




# C510

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## Setup Guide



December 2003

## Edition: December 2003

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This product complies with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. Operation is subject to the following two conditions:


- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any questions on this statement should be directed to:

Director of Lexmark Technology & Services  
Lexmark International, Inc.  
740 West New Circle Road  
Lexington, KY 40550  
(859) 232-3000

Refer to the online documentation for additional compliance information.

## Safety information

- If your product is *not* marked with this symbol , it *must* be connected to an electrical outlet that is properly grounded.  
**CAUTION:** Do not set up this product or make any electrical or cabling connections, such as the power cord or telephone, during a lightning storm.
- The power cord must be connected to an electrical outlet that is near the product and easily accessible.
- Refer service or repairs, other than those described in the operating instructions, to a professional service person.
- This product is designed, tested, and approved to meet strict global safety standards with the use of specific Lexmark components. The safety features of some parts may not always be obvious. Lexmark is not responsible for the use of other replacement parts.
- Your product uses a laser.  
**CAUTION:** Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- Your product uses a printing process that heats the print media, and the heat may cause the media to release emissions. You must understand the section in your operating instructions that discusses the guidelines for selecting print media to avoid the possibility of harmful emissions.

## Conventions

It may help you to recognize the caution and warning conventions used in this document.

**CAUTION:** A caution identifies something that could cause you harm.

**Warning:** A warning identifies something that could damage your product hardware or software.

## Attention!



This symbol identifies static-sensitive parts. Do not touch in the areas near these symbols without first touching the metal frame of the printer.

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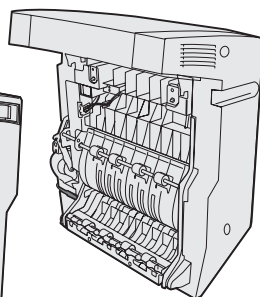
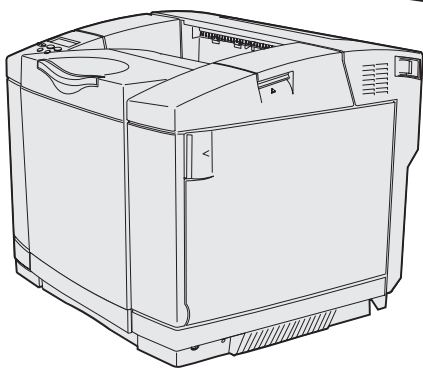
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# Introduction

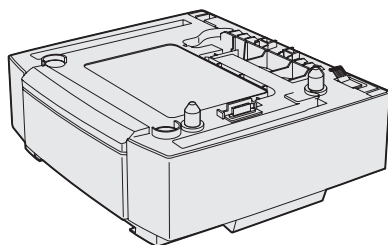
## About the printer

### Base Model and Options

Printer  
Page 4



Optional duplex unit  
Page 17



Optional 530-sheet drawer  
Page 11

Your printer is available in three models:

- **Lexmark C510**, with 64MB of standard memory, one 250-sheet tray, and USB and parallel connectors.
- **Lexmark C510n**, which has 128MB of standard memory, as well as an Ethernet 10BaseT/100BaseTX print server installed, with an Ethernet connector.
- **Lexmark C510dtn**, which has the same features as the C510n, as well as a duplex unit and a 530-sheet drawer.

You can purchase several different options for your printer. Launch the publications CD and then click **User's Reference**. Look for printer overview information.

## Other sources of information

If you need more information after you have completed setup, refer to the other printer documentation.

### *Publications CD*

The publications CD provides information about loading media, clearing error messages, ordering and replacing supplies, and troubleshooting. It also provides general information for administrators.

The information on the publications CD is also available on our Lexmark Web site at **[www.lexmark.com/publications](http://www.lexmark.com/publications)**.

### *Information pages*

Information pages are stored inside the printer. They provide information about loading print media, diagnosing and solving print problems, and clearing jams from the printer. The following is a list of guides available from the Help Menu:

- Help Guide
- Printing Guide
- Jam Clearance
- Print Quality
- Color Quality
- Media Guide
- Connection Guide
- Supplies Guide
- Moving Guide
- Print Defects

To print these pages:

- 1** On the operator panel, press **Menu** until you see Help Menu.
- 2** Press **Menu** until you see the topic you want to print, and then press **Select**.

***We strongly recommend that you print the Jam Clearance guide and keep it by the printer.*** These pages are also available on the publications CD that shipped with your printer.

## ***Quick Reference sheet***

The printer *Quick Reference* provides easy access to information about loading media, clearing jams, printing confidential jobs, and understanding common printer messages.

This information is also available, in a printable format, on the publications CD that shipped with your printer.

## ***Drivers CD***

The drivers CD contains all the necessary files to get your printer up and running. It may also contain printer utilities, screen fonts, and additional documentation.

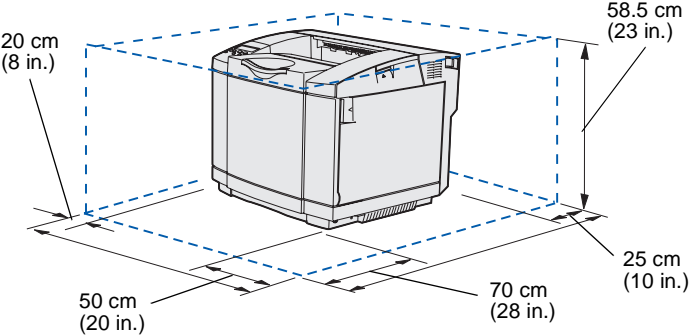
## ***Lexmark Web site***

Visit our Web site at **[www.lexmark.com](http://www.lexmark.com)** for updated printer drivers, utilities, and other printer documentation.



# Step 1: Unpack the printer

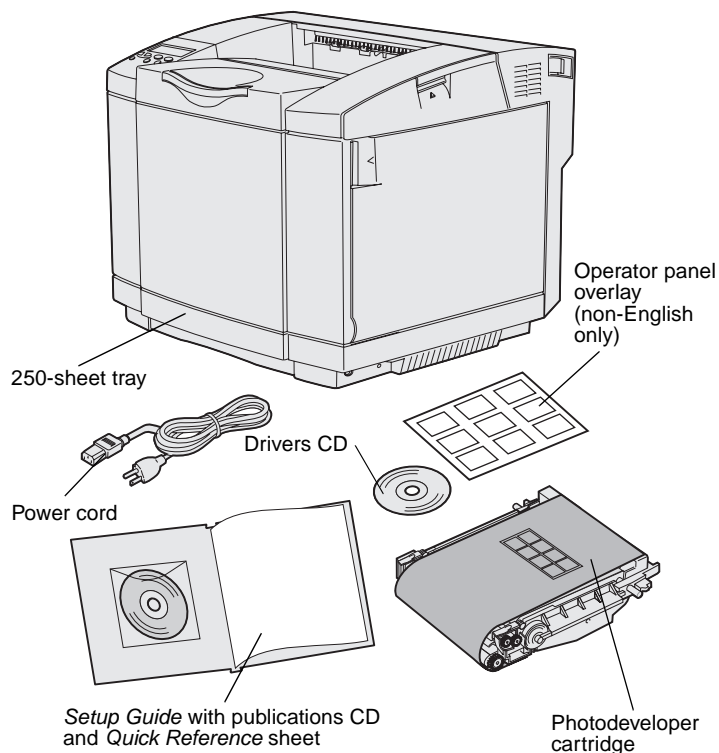
## Getting ready for setup



Select a well ventilated location for your printer that provides room for the trays, cover, and doors. Choose a firm, level surface away from direct airflow and temperature extremes.

Total clearance needed with options			
	Optional 530-sheet tray	Optional duplex unit	Both
Height	73.5 cm (29 in.)	63.8 cm (25.1 in.)	73.5 cm (29 in.)
Rear	25 cm (10 in.)	35 cm (14 in.)	35 cm (14 in.)

**CAUTION:** The printer weighs 30.4 kg (67 lb), and requires at least two people to lift it safely.



Remove all items from the box. Make sure you have the following items:

- Printer with one 250-sheet tray
- Power cord
- Photodeveloper cartridge
- Print cartridges (four, shipped inside printer, wrapped in packaging)
- *Setup Guide* with a publications CD and *Quick Reference* sheet
- Drivers CD
- Operator panel overlay (non-English only)

If any items are missing or damaged, refer to our Lexmark Web site at **[www.lexmark.com](http://www.lexmark.com)** for the designated Lexmark support phone number for your country.

Remove any tape and packing material from the printer. Save the carton and packing material in case you need to repack the printer.

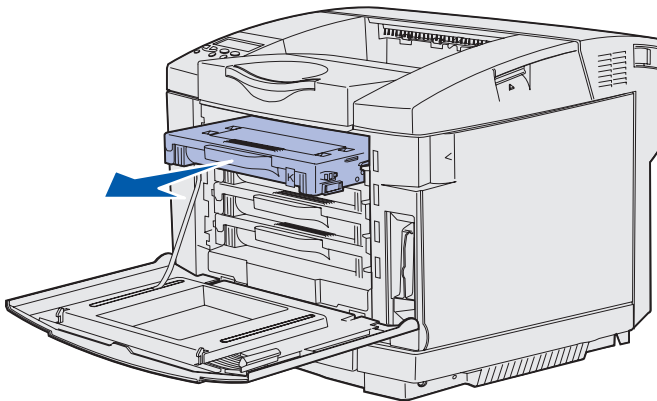
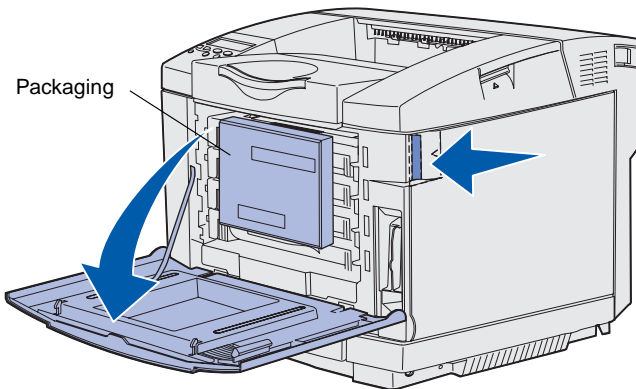
**Note:** To avoid overexposing the photodeveloper cartridge, leave it in its packaging until you are ready to install it.

# Step 2: Install printer supplies

## Installing toner cartridges

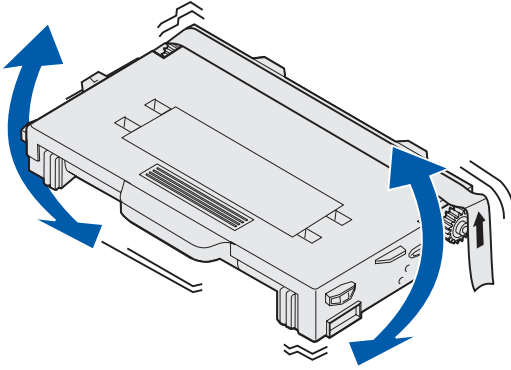
Follow the instructions in this section to prepare the toner cartridges.

- 1** Pull the front door release latch forward and gently lower the front door.
- 2** Remove the packaging.

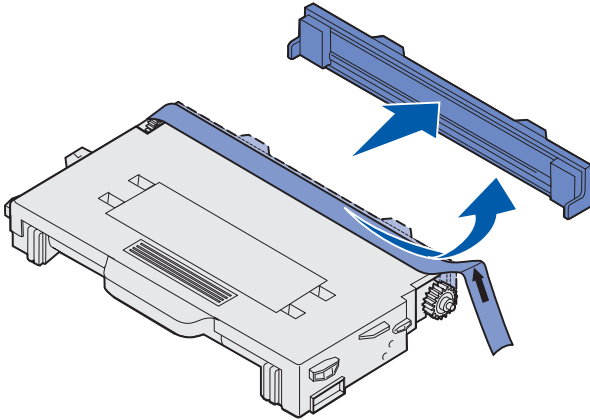


- 3** Grasp one of the toner cartridges by the handle and pull it straight out.

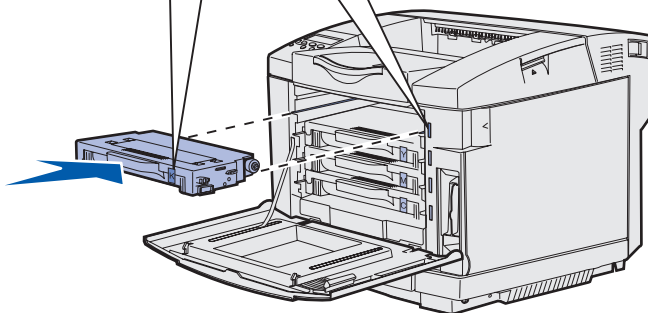
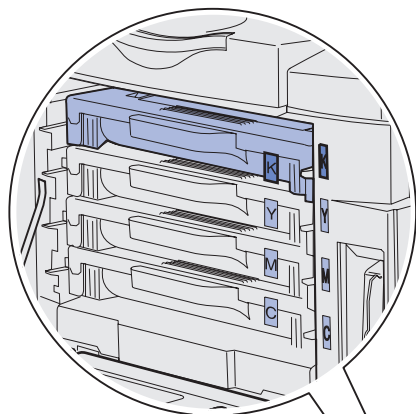
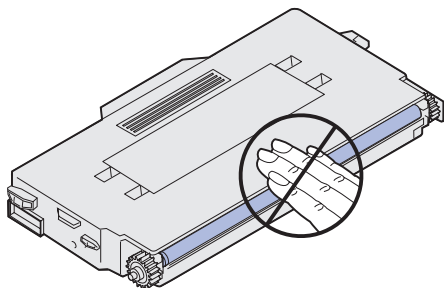
- 4** Hold the cartridge level, and gently shake it to distribute the toner.



- 5** Remove the tape and cover from the cartridge.



**Warning:** Do not touch the roller surface under the cartridge cover. Touching the surface may damage the roller.



**6** Grasp the cartridge by the handle.

**7** Align the cartridge with the appropriate slot and slide the cartridge in.

Toner cartridges must remain in their original order; they are not interchangeable in the slots.

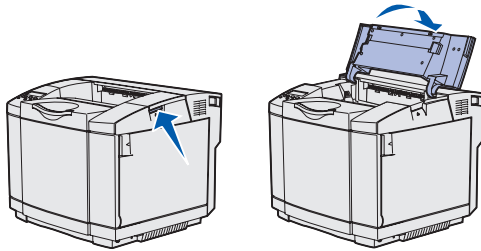
**8** Repeat **step 3 on page 6** through **step 7 on page 8** to set up the other cartridges.

**9** Close the front door.

## Installing the photodeveloper cartridge

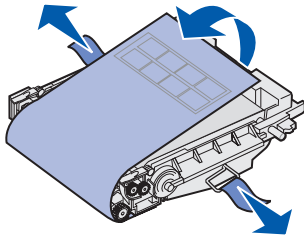
Follow the instructions in this section to install the photodeveloper cartridge.

- 1 Open the printer top door.

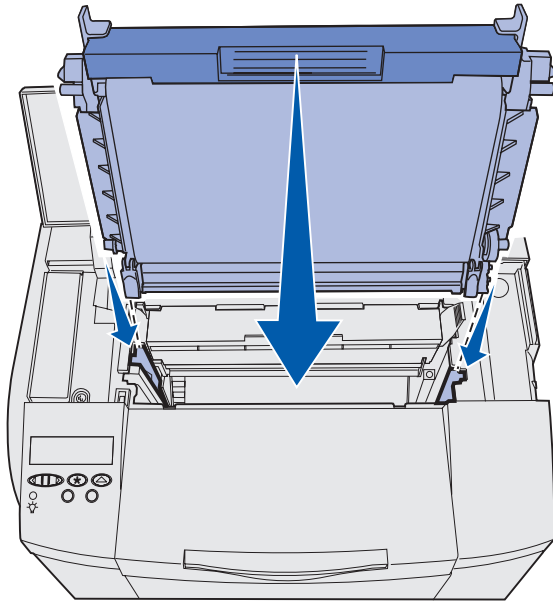


**Warning:** The photodeveloper is very delicate. To avoid damaging it, do not remove its packaging until you are ready to install it.

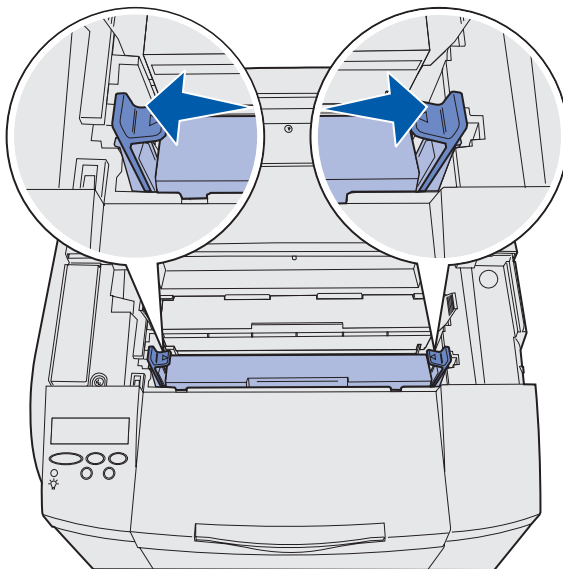
- 2 Carefully remove the packaging, pins, and tape from the photodeveloper cartridge.



**Warning:** Do not touch the shiny photoconductor film on the photodeveloper cartridge.



- 3** Grasp the cartridge by the handle and align it with its opening. Gently lower it into place.

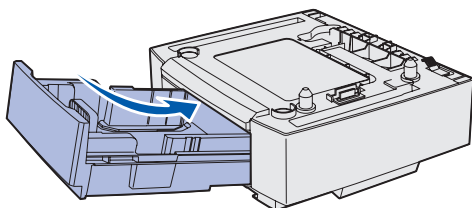
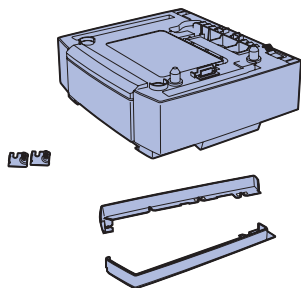


- 4** Push the latches away from each other to lock the cartridge into place.

- 5** Close the top door.

# Step 3: Position the optional drawer

**CAUTION:** If you are adding an optional drawer sometime after setting up the printer, be sure to turn the printer off, unplug the power cord, and disconnect all cables from the back of the printer before completing these tasks.



**Note:** When you add or remove the optional drawer, remember to update the printer configuration through your printer driver.

Your printer supports an optional 530-sheet drawer. The optional drawer consists of a support unit and a tray.

- 1** Unpack the box. Enclosed are:
  - a support unit with the tray inside
  - two side covers (left and right)
  - two metal brackets (left and right) with thumbscrews
- 2** Remove all packing material and tape from the support unit.
- 3** Pull the tray out of the support unit.  
Remove any packing material and tape from the tray.
- 4** Move the support unit to the location selected for the printer.
- 5** Tip the tray slightly and push it fully into the support unit.

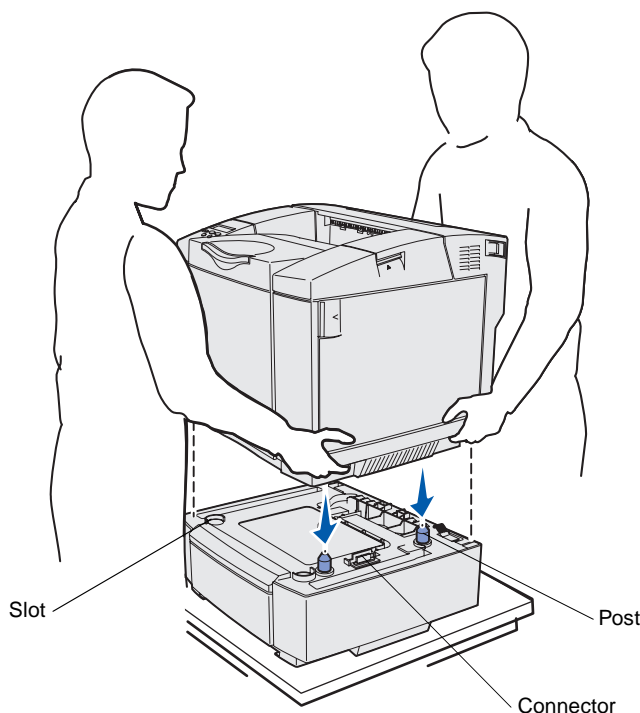


# Step 4: Prepare the printer

## Positioning the printer

**Note:** If you have optional memory to install, leave clearance behind the printer.

**CAUTION:** The printer weighs 30.4 kg (67 lb), and requires at least two people to lift it safely.



Once you have selected a location and positioned an optional drawer (if you have one), you are ready to position the printer.

Lift the printer by the recessed handholds on both sides, and place it on the table or optional drawer.

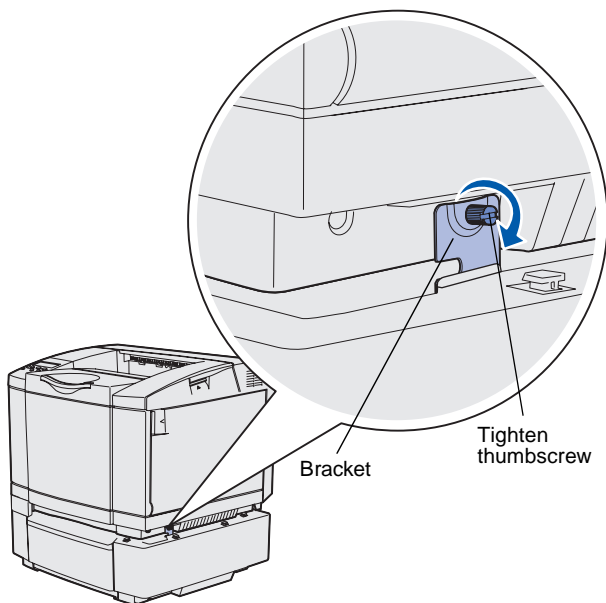
To position the printer on an optional drawer:

- 1** Align the posts, slots, and connector on the drawer with the underside of the printer.
- 2** Lower the printer into place. Make sure it is seated securely on the drawer.

## Securing the drawer to the printer

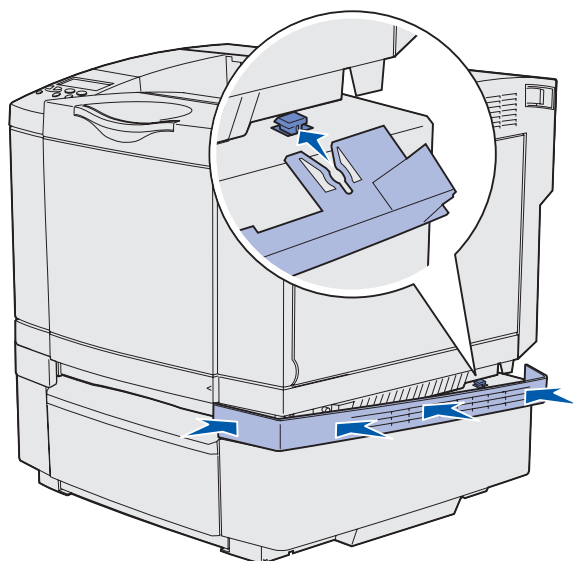
If you have an optional drawer, secure it to the printer.

- 1 Align one bracket with the hole on the right side of the printer as shown. Press the bracket flat against the printer, and then tighten the thumbscrew.

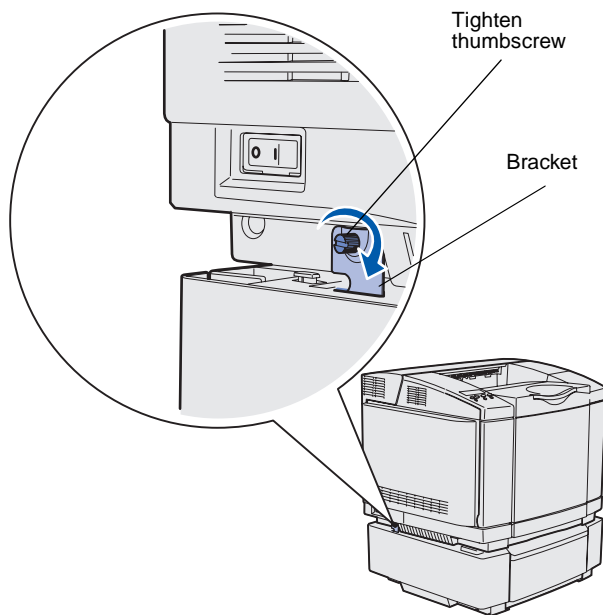


- 2 Starting at the front of the printer, push the right side cover onto the printer, fitting each slot on the cover over its corresponding tab on the optional drawer, to cover the gap between the printer and the optional drawer.

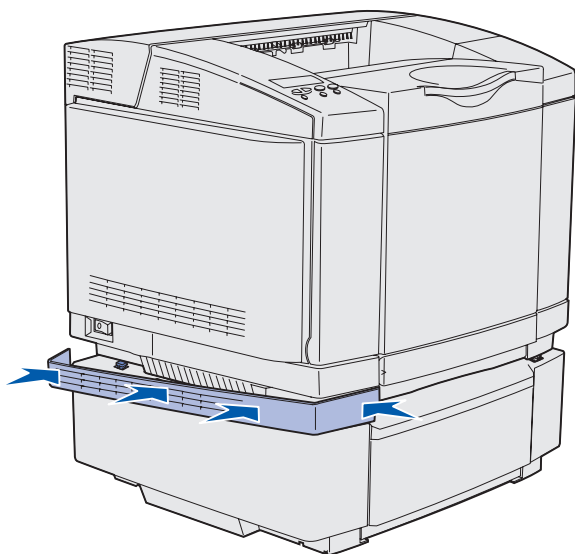
Note the side cover orientation. The side cover is flat on the bottom.



*Prepare the printer*



- 3 Align the other bracket with the hole on the left side of the printer as shown. Press the bracket flat against the printer, and then tighten the thumbscrew.



- 4 Starting at the front of the printer, push the left side cover onto the printer, fitting each slot on the cover over its corresponding tab on the optional drawer, to cover the gap between the printer and the optional drawer.

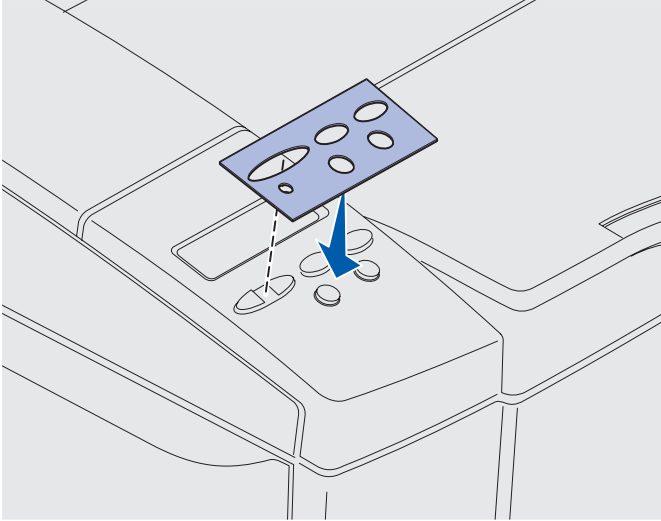
Note the side cover orientation. The side cover is flat on the bottom.

*Prepare the printer*

## Attaching an operator panel overlay

If English is not your preferred language and your printer shipped with an operator panel overlay, attach the overlay that has the appropriately translated button names:

- 1** Peel the protective backing off the overlay.
- 2** Align the holes in the overlay with the lights and buttons on the operator panel, and then press the overlay into place. Rub firmly to transfer the overlay labels.
- 3** Peel the overlay off the printer.



## Adjusting tray 2 margins

Adjusting tray 2 margins ensures your margins are consistent when tray linking is enabled.

- 1** Load plain paper in both trays.
- 2** From the printer operator panel, press **Menu** until you see **Setup Menu**, and then press **Select**.
- 3** Press **Menu** until you see **Left Margin**, and then press **Select**.
- 4** Press **Menu** until you see **Tray 2**, and then press **Select**.
- 5** Press **Go**.  
  
Two pages print.
- 6** Follow the instructions on the printed pages to determine the left margin value you need.
- 7** Repeat steps 1–4, press **Menu** until you see the left margin value you need, and then press **Select**.

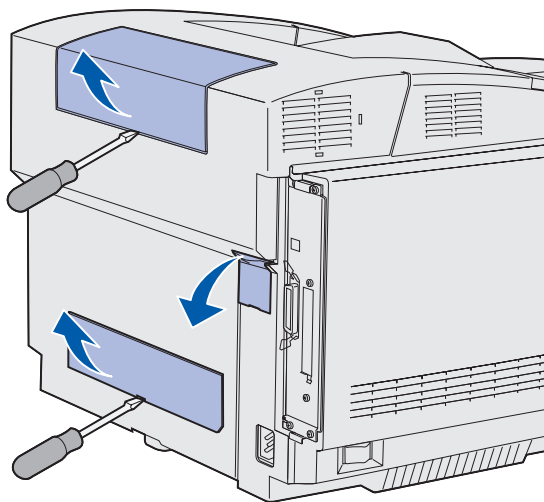
# Step 5: Set up the optional duplex unit

## Attaching the optional duplex unit

**CAUTION:** If you are installing an optional duplex unit sometime after setting up the printer, turn the printer off and unplug the power cord before continuing.

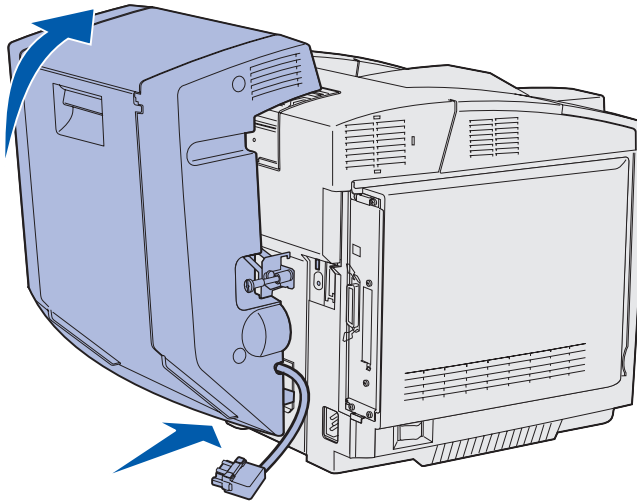
Your printer supports an optional duplex unit which lets you print on both sides of a page.

- 1 Unpack the duplex unit and discard the packing material.



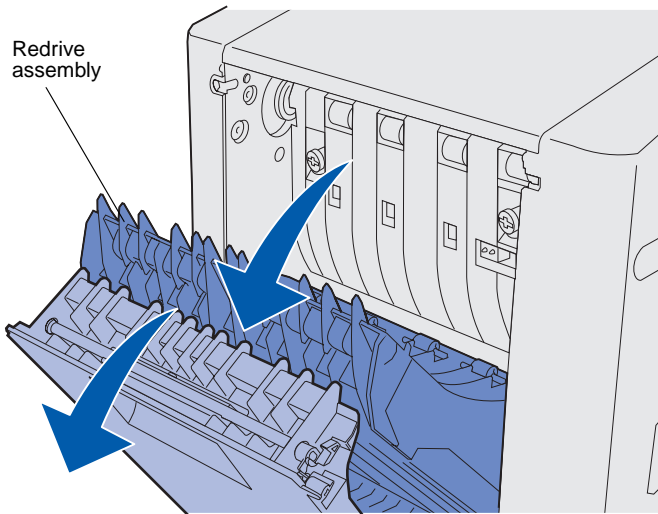
**Note:** When you add or remove the optional duplex unit, remember to update the printer configuration through your printer driver.

- 2 Use a flathead screwdriver to carefully remove the connector cover, and the upper and lower duplex covers, from the back of the printer.



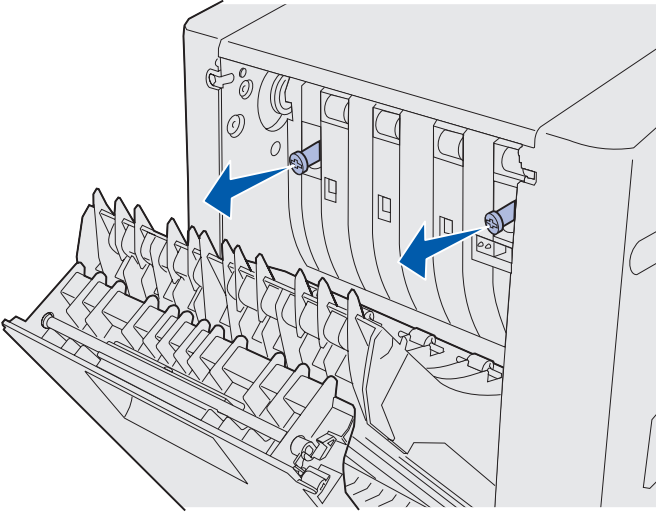
- 3** Insert the bottom of the duplex unit into the lower opening as shown.
- 4** Pull up on the top of the duplex unit as you swing it up over the top of the printer, and then press it down so that it locks fully into the upper opening.

When the duplex unit is mounted correctly, there is a small and even gap between the duplex unit and the top of the printer, visible from the front of the printer.

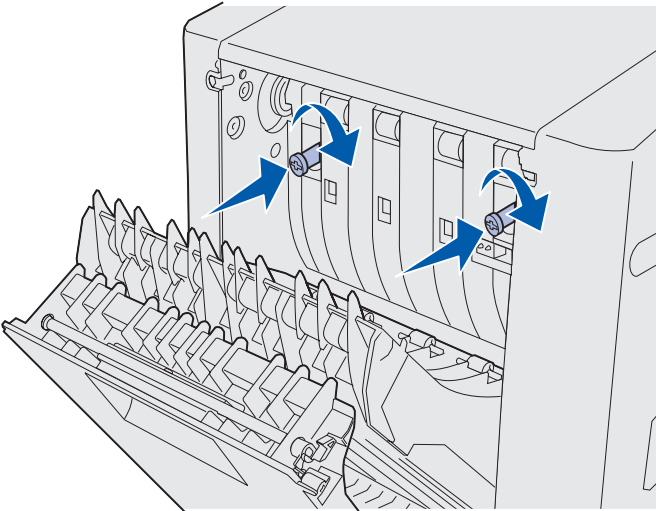


- 5** Open the duplex rear door and pull down the redrive assembly.

- 6** Pull the two green thumbscrews out to extend them.



- 7** Push each green thumbscrew gently toward the printer as you turn it clockwise to tighten it fully. If necessary, use a flathead screwdriver to tighten the screws. Then, push the thumbscrews firmly toward the printer to collapse them.



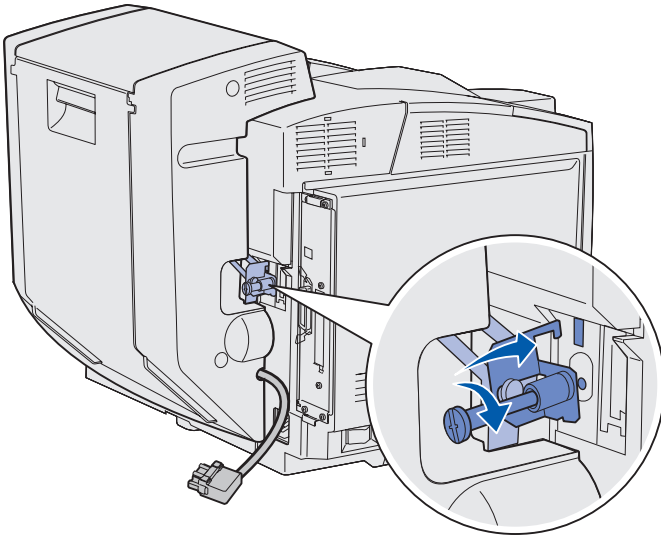
**Note:** Failure to collapse the green thumbscrews can cause jams.

- 8** Push up the redrive assembly and close duplex rear door.

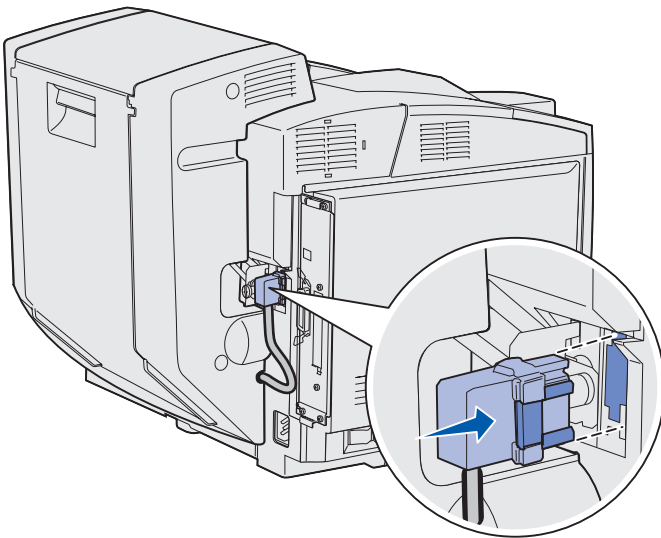
*Set up the optional duplex unit*



- 9** Hook the bracket into the slot, and then turn the mounting screw clockwise to tighten.



- 10** Plug in the duplex connector as shown. The duplex connector release latch must face away from the duplex unit.



*Set up the optional duplex unit*

## Adjusting duplex margins

Adjusting duplex margins ensures your margins are consistent when two-sided printing is selected.

- 1** Load plain paper in the standard tray.
- 2** From the printer operator panel, press **Menu** until you see **Setup Menu**, and then press **Select**.
- 3** Press **Menu** until you see **Left Margin**, and then press **Select**.
- 4** Press **Menu** until you see **Duplex**, and then press **Select**.
- 5** Press **Go**.  
  
Two pages print.
- 6** Follow the instructions on the printed pages to determine the left margin value you need.
- 7** Repeat steps 1–4, press **Menu** until you see the left margin value you need, and then press **Select**.

# Step 6: Install memory, firmware, or option cards



**CAUTION:** If you are installing memory or option cards sometime after setting up the printer, turn the printer off and unplug the power cord before continuing.

You can customize your printer memory capacity and connectivity by adding optional cards.

The instructions in this section help you install any of the following:

- Memory cards
  - Printer memory
  - Flash memory
  - Fonts
- Firmware cards
  - Bar code
  - ImageQuick™
  - PrintCryption™

**Note:** You need a small Phillips screwdriver to remove the system board access cover.

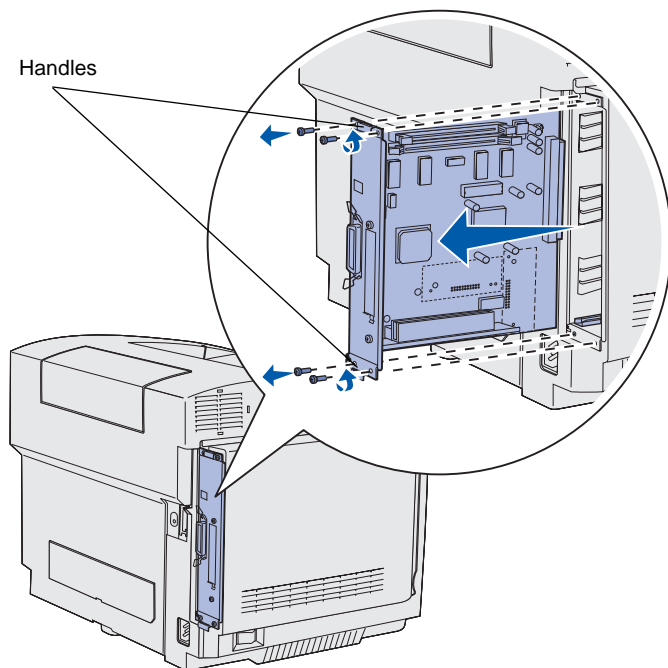
## Removing the system board



**Warning:** Electronic components can be damaged by rough handling or static electricity. Touch something metal on the printer before you touch any card.

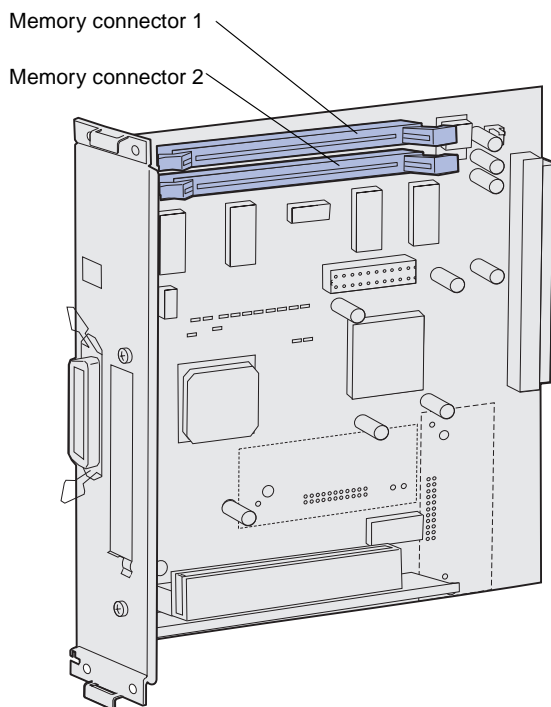
Follow the instructions in this section to remove the printer system board.

- 1 Remove the four screws at the corners of the system board.
- 2 Slide the system board straight out of the printer.

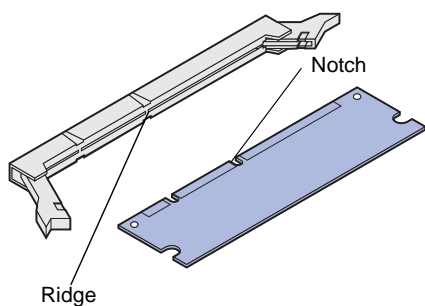


**Note:** The system board may be tightly seated in the printer. You may need to pull firmly on the handles.

# Installing printer memory

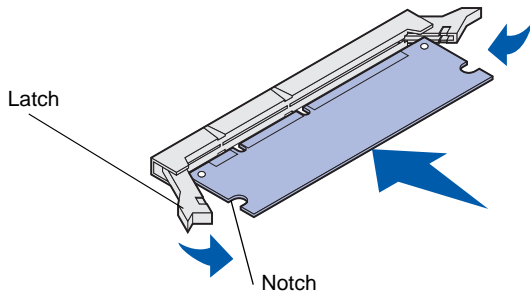


**Note:** Some memory and firmware options offered for other Lexmark printers cannot be used with your printer. Refer to the publications CD for specifications.



Follow the instructions in this section to install printer memory.

- 1 Unpack the optional printer memory card. Avoid touching the connection points along its edge. Save the packaging materials.
- 2 Open both latches on the connector completely.
- 3 Align the notches on the memory card with the ridges on the connector.



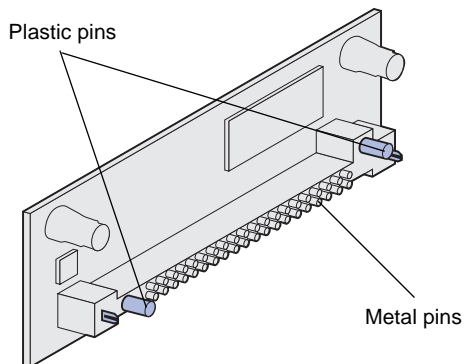
- 4 Push the memory card straight into the connector until it *snaps* into place. Make sure each latch fits over the notch located on either side of the memory card.

## Installing an optional flash memory or firmware card

**Note:** Firmware cards offered for other Lexmark printers cannot be used with your printer.

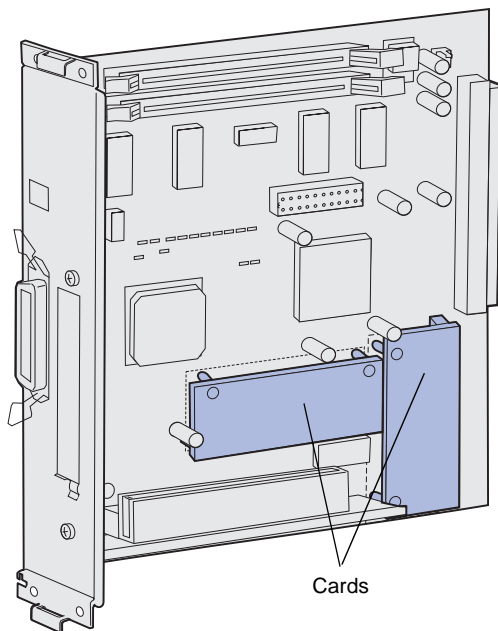
**Warning:** Firmware cards are easily damaged by static electricity. Touch something metal on the printer before you touch a card.

Follow the instructions in this section to install flash memory or a firmware card. The system board has two connection locations where you can install a total of one flash memory card and one firmware card.



- 1 Unpack the flash memory or firmware card.

Avoid touching the metal pins on the bottom of the card. Save the packaging.



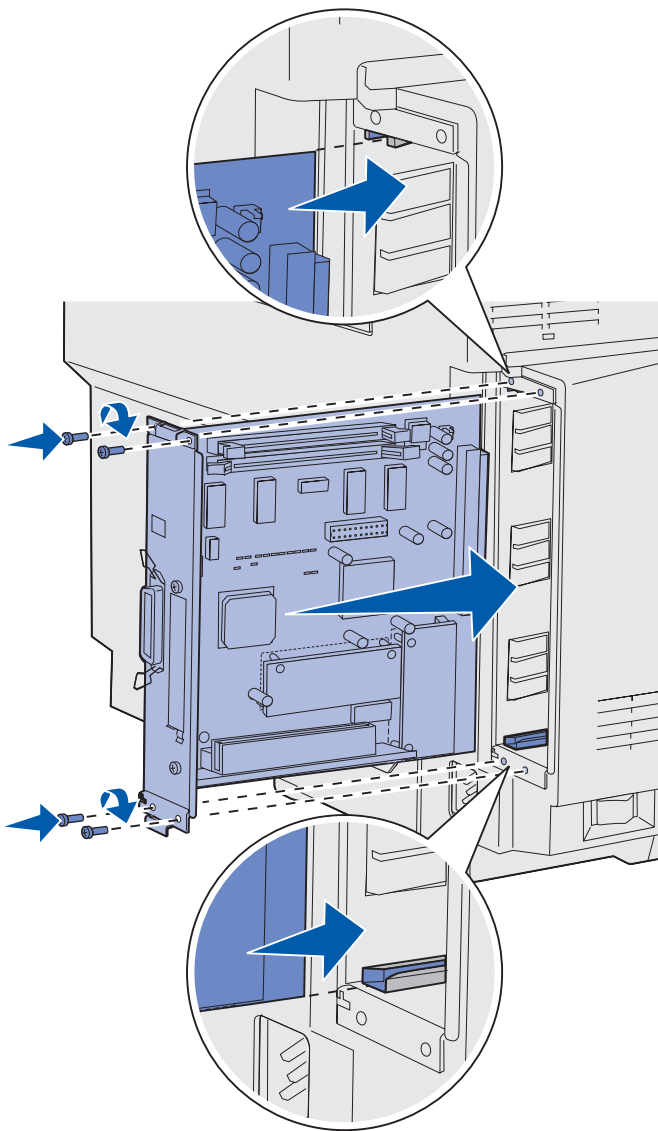
- 2 Holding the flash memory or firmware card by its sides, align the plastic pins on the card with the holes on the system board.
- 3 Push in until the flash memory or firmware card is firmly in place.

**Note:** The row of metal pins on the firmware card must be fully inserted along its entire length.

## Reinstalling the system board

Follow the instructions below to reinstall the system board.

- 1** Orient the system board as shown and align it with the tracks in the printer slot.
- 2** Push the system board firmly and evenly into the printer. Make sure the system board is pushed completely into the printer slot.
- 3** Reattach the four screws to the corners of the system board.



*Install memory, firmware, or option cards*



# Step 7: Load paper

**Note:** If you load any media other than plain letter or A4 paper, make sure you change the Paper Type and Paper Size settings for that tray. Refer to the publications CD for detailed information.

Your printer has one standard tray with a capacity of 250 sheets. If you have installed an optional drawer, it can hold an additional 530 sheets, for a total of 780 sheets.

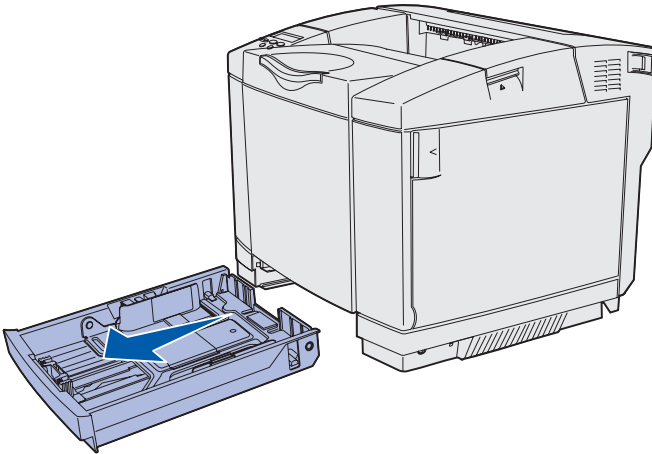
The following table lists the amount and type of print media each tray accepts.

Source	Capacity (sheets)	Paper sizes	Envelope sizes	Paper types
Tray 1	250	A4, A5, JIS B5, letter, executive, statement	9, COM 10, DL, C5, B5	Plain paper, transparencies, labels, card stock, glossy
Tray 1—optional legal tray	250	A4, A5, JIS B5, letter, legal, executive, folio, statement	9, COM 10, DL, C5, B5	Plain paper, transparencies, labels, card stock, glossy
Tray 2	530	A4, letter, executive		Plain paper

## Loading the trays

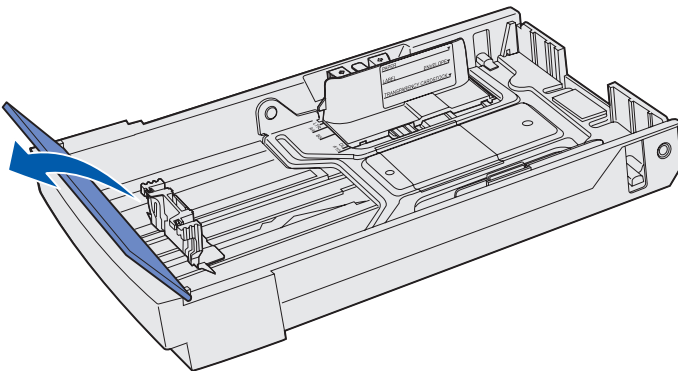
Follow these instructions to load paper in the standard and optional trays.

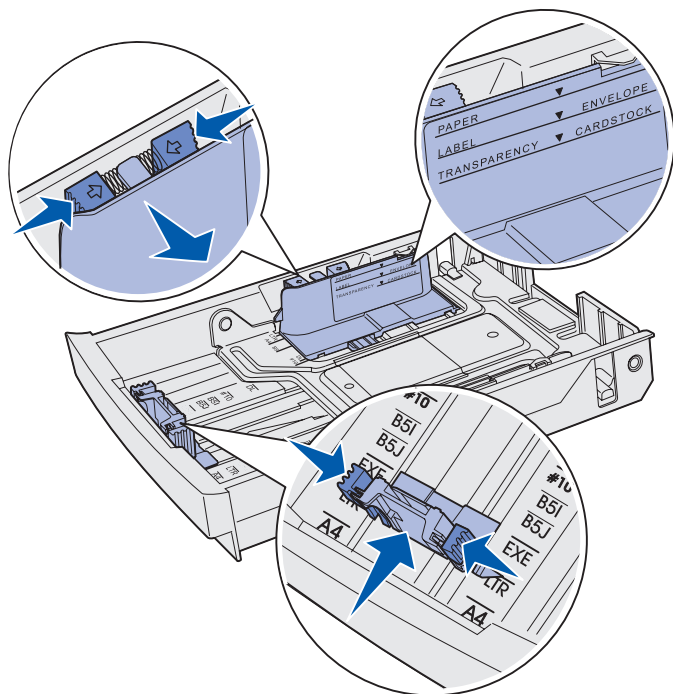
- 1 Pull the tray completely out.



**Note:** The length and width guides in an optional 530-sheet tray are shaped differently than the guides in the standard tray, but the function is the same.

- 2 If you are loading an optional legal tray, open the cover.

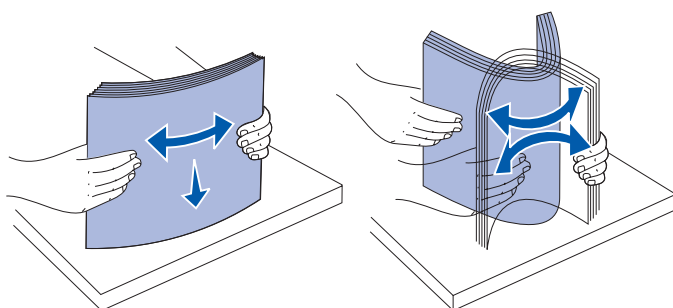




**3** Squeeze the tabs at the sides of the length guide together as shown. Slide the guide to the correct position for the size of paper you are loading, according to the size indicators on the bottom front of the tray.

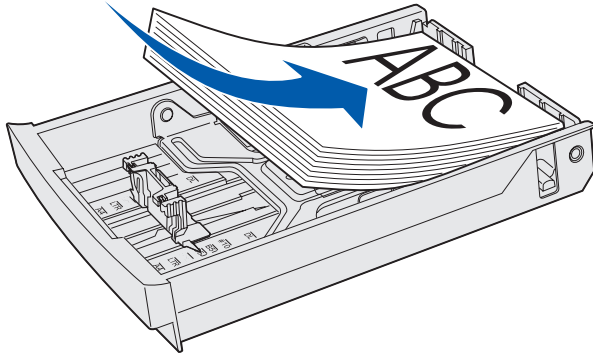
**4** Squeeze the tabs at the sides of the width guide together as shown. Slide the width guide to the correct position for the size of paper you are loading, according to the size indicators on the bottom left of the tray.

Notice the load line label on the side of the tray which indicates the maximum stack height for your media.



**5** Flex the sheets back and forth to loosen them, then fan them. Do not fold or crease the media. Straighten the edges on a level surface.

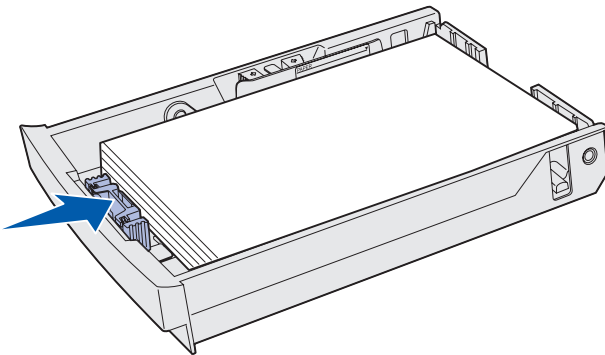
*Load paper*



- 6** Load the stack with the recommended print side faceup. Load the stack toward the rear of the tray as shown.

If you load letterhead paper, place the header faceup at the rear of the tray as shown. For two-sided printing, place the header facedown at the front of the tray.

**Warning:** When you load the tray, do not exceed the load line on the label in the tray. Overfilling the tray may cause jams.



- 7** If you are loading an optional legal tray, close the cover.
- 8** Re-insert the tray.

**Note:** Refer to “Loading envelopes in the standard tray” in the Media specifications chapter of your *User's Reference* for information about loading envelopes.

# Step 8: Attach cables

**CAUTION:** Do not connect or disconnect a communication port, a teleport, or any other connector during a lightning storm.

The printer can be attached to a network or directly to a computer to print locally.

## Attaching a local cable

You can attach your printer locally using either a USB, parallel, or serial connection.

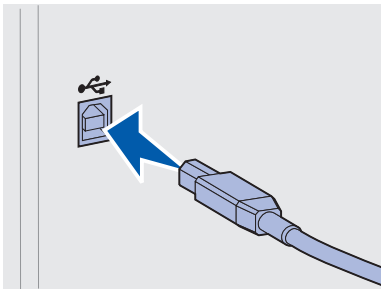
### USB

A USB port is standard on all models.

Windows 98 SE, Windows Me, Windows 2000, and Windows XP operating systems support USB connections. Some UNIX, Linux, and Macintosh computers also support USB connections. Refer to your computer operating system documentation to see if your system supports USB.

A USB port requires a USB cable such as Lexmark part number 12A2405 (2 m [6.5 ft]).

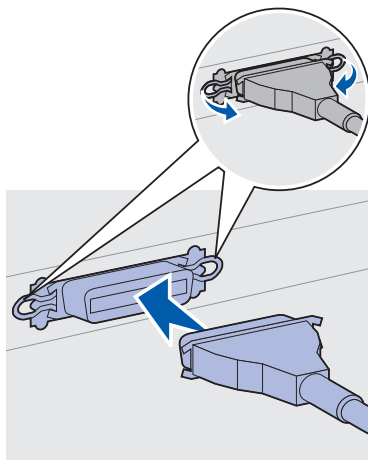
Be sure to match the USB symbol on the cable to the USB symbol on the printer.



## **Parallel**

A parallel port is included on base printer models.

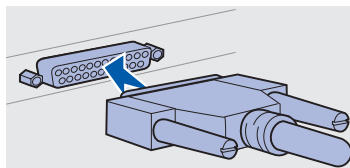
A parallel port requires an IEEE-1284 compliant parallel cable such as Lexmark part number 1329605 (3 m [10 ft]).



## **Serial**

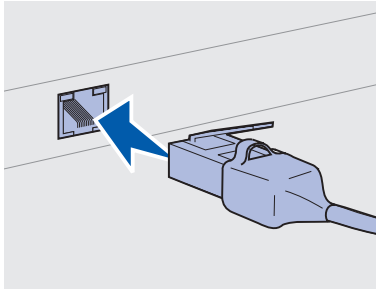
A serial port can be attached through the INA port on the printer system board.

A serial port requires a compatible serial cable such as Lexmark part number 1038693.



## Attaching a network cable

### Ethernet



Use Category 5 cable with an RJ-45 connector for the standard network port.

You can attach your printer to a network using standard network cables.

A 10BaseT/100BaseTX Fast Ethernet port is standard on the network model.

To attach the printer to a network:

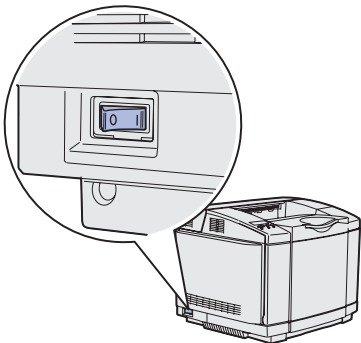
- 1 Make sure the printer is turned off and unplugged.
- 2 Plug one end of the standard network cable into a LAN drop or hub and the other end into the Ethernet port on the back of the printer. The printer automatically adjusts for the network speed.

### 802.11b wireless options

Your printer can be converted to wireless networking by using an optional 802.11b Wireless Print Adapter. This adapter is a piece of hardware that plugs into the Ethernet port on your printer.

If you purchased this adapter for your printer, refer to the documentation that shipped with the adapter for installation and configuration.

# Turning your printer on



Follow these instructions to turn your printer on.

- 1 Plug one end of the printer power cord into the socket at the back of the printer and the other end into a properly grounded outlet.
- 2 Turn on the printer.

After the printer completes its internal tests, the **Ready** message indicates that the printer is ready to receive jobs.

If you see a message other than **Ready** on the display, refer to the publications CD for instructions on clearing the message. Click **Printing**, and then click **Understanding printer messages**.

- 3 If you have attached your printer locally, turn on your computer and any other peripherals.

## What do I do next?

For connection type...	Go to...
Local attachment	"Install drivers for local printing" on page 36
Network attachment	"Verify printer setup" on page 44



# Step 9: Install drivers for local printing

**Note:** For Windows operating systems, you can skip the hardware wizard and use the drivers CD to install your printer drivers. Launch the CD and follow the instructions to install printer software.

A local printer is a printer attached to your computer using a USB or parallel cable. *If your printer is attached to a network instead of your computer, skip this step and go to Step 10: “Verify printer setup” on page 44.*

A printer driver is software that lets your computer communicate with your printer. The procedure to install drivers depends on the operating system you are using.

Select your operating system and cable from the following table to find driver installation instructions.

Operating system	Cable	Go to page...
Windows XP; Windows Server 2003	USB* or Parallel	37
Windows 2000	USB* or Parallel	38
Windows Me	USB* or Parallel	38
Windows 98	USB* or Parallel	39
Windows NT 4.x	Parallel only	40
Windows 95	Parallel only	40
Macintosh	USB only	41
UNIX/Linux	USB or Parallel	42

\* If you attach a USB printer cable while your printer and computer are turned on, the Windows hardware wizard launches immediately. Find the instructions for your operating system and use them to answer the plug and play screens.

# Windows

In addition to the following driver installation instructions, you may need to refer to the documentation that shipped with your computer and your Windows software.

## *Before you install*

**Note:** Installing a custom driver will not replace the system driver. A separate printer object will be created and appear in the Printers folder.

## *Using Windows XP or Windows Server 2003 with USB or parallel cable*

**Note:** Business versions of Windows XP require that you have administrative access to install printer drivers on your computer.

Some versions of Windows software may already have a system printer driver for this printer included. This may mean that installation will seem automatic in later versions of Windows. System drivers work well for simple printing, but they contain less functionality than our enhanced custom driver.

To obtain all the features of the custom driver, you will need to install the custom printer driver using the drivers CD that shipped with the printer.

Drivers are also available in downloadable software packages on our Lexmark Web site at **[www.lexmark.com](http://www.lexmark.com)**.

When the Found New Hardware Wizard screen appears:

- 1** Insert the drivers CD. If the CD auto launches, exit the CD. Click **Next**.
- 2** Browse to the location of the printer driver on the drivers CD:  
`D:\drivers\win_2000\`
- 3** Click **Next** to install the driver.  
*If any messages appear regarding the driver not being certified, it is okay to disregard these messages and click **Continue Anyway**. Your printer has been thoroughly tested and is compatible with Windows XP and Windows Server 2003.*
- 4** Click **Finish** when the software is installed.
- 5** Print a test page to verify printer setup.

## ***Using Windows 2000 with USB or parallel cable***

**Note:** You need administrative access to install printer drivers on your computer.

When the Found New Hardware Wizard screen appears:

- 1** Insert the drivers CD. If the CD auto launches, exit the CD. Click **Next**.
- 2** Select **Search for a suitable driver**, and then click **Next**.
- 3** Select *only* **Specify a location**, and then click **Next**.
- 4** Browse to the location of the printer driver on the drivers CD:  
  
`D:\Drivers\Win_2000\`
- 5** Click **Open**, and then click **OK**.
- 6** Click **Next** to install the driver that is displayed.  
  
*If a message appears regarding the driver not being digitally signed, it is okay to disregard this message.*
- 7** Click **Finish** when the software is installed.
- 8** Print a test page to verify printer setup.

## ***Using Windows Me with USB or parallel cable***

**Note:** Depending on the software and printers already installed on your computer, your screens may vary from those in the instructions.

You must install both a USB port driver and an enhanced custom print driver.

When the Found New Hardware Wizard screen appears:

- 1** Insert the drivers CD. If the CD auto launches, exit the CD. Click **Next**.
- 2** Select **Automatic search for the best driver (recommended)**, and then click **Next**. The wizard searches for a USB port driver. The name of it will be similar to your printer name.
- 3** After the USB port driver is found, click **Finish**.
- 4** Select **Automatic search for the best driver (recommended)**, and then click **Next**. The wizard now searches for a printer driver.
- 5** Select your printer and driver from the list, and then click **OK**. Make sure you select the driver in the correct language you want to use.  
  
`D:\Drivers\WIN_9X\<LANGUAGE>`
- 6** After the printer driver is installed, click **Finish**.

*Install drivers for local printing*

- 7 Use the default printer name or type a unique name for your printer, and then click **Next**.
- 8 Click **Yes (recommended)**, and then click **Finish** to print a test page.
- 9 After the test page prints, click **Yes** to close the window.
- 10 Click **Finish** to complete the installation and close the wizard. You are now ready to print.

## ***Using Windows 98 with USB or parallel cable***

**Note:** Depending on the software and printers already installed on your computer, your screens may vary from those in the instructions.

You must install both a USB port driver and an enhanced custom print driver.

When the Add New Hardware Wizard screen appears:

- 1 Insert the drivers CD, and then click **Next**. If the CD auto launches, exit the CD.
- 2 Select **Search for the best driver for your device (recommended)**, and then click **Next**.
- 3 Select **only CD-ROM drive**, and then click **Next**.
- 4 After the wizard finds the USB port driver, click **Next**.
- 5 After the USB port driver is installed, click **Finish**.
- 6 Click **Next**.
- 7 Select **Search for the best driver (recommended)**, and then click **Next**.
- 8 Select to **Specify a location**.
- 9 Browse to the location of the printer driver on the drivers CD:  
`D:\Drivers\WIN_9X\english`
- 10 Click **OK**.
- 11 After the printer driver is found, click **Next**.
- 12 Use the default printer name or type a unique name for your printer, and then click **Next**.
- 13 Select **Yes** to print a test page, and then click **Finish**. All the necessary files are installed on your computer.
- 14 After the test page prints, click **Yes** to close the message window.

*Install drivers for local printing*

- 15 Click **Finish** to complete the installation. You are now ready to print.

## ***Using Windows NT with a parallel cable***

**Note:** USB support is not available for Windows NT operating systems.

**Note:** You need administrative access to install printer drivers on your computer.

The easiest way to install a driver is to use the drivers CD that shipped with your printer.

- 1 Insert the drivers CD.
- 2 Click **Install Printer and Software**.
- 3 Click **Printer**.
- 4 Click **Agree** to accept the license agreement.
- 5 Select **Quick Install**, and then click **Next**.
- 6 Select the port you want to use, and then select the printer you are installing.
- 7 Click **Finish** to complete the installation. You are now ready to print.

## ***Using Windows 95 with a parallel cable***

**Note:** USB support is not available for Windows 95 operating systems.

When the Update Device Driver Wizard screen appears:

- 1 Insert the drivers CD. If the CD auto launches, exit the CD.  
*If a system-compatible driver is found on your operating system, the Wizard installs it.*  
*If no compatible system driver is found on your operating system, click **Other Locations**.*
- 2 Browse to the location of the printer driver on the drivers CD:  
`D:\drivers\win_9x\english`
- 3 Click **OK**.
- 4 Click **Finish**. The Add Printer Wizard screen appears.
- 5 Use the default printer name or type a unique name for your printer, and then click **Next**.
- 6 Click **Yes** to print a test page.
- 7 Click **Finish**. A test page is sent to the printer once the driver files are copied to your computer. You are now ready to print.

*Install drivers for local printing*

# Macintosh

Macintosh OS 8.6 or later is required for USB printing. To print locally to a USB-attached printer, you must create a desktop printer icon (Macintosh 8.6–9.x) or create a queue in Print Center (Macintosh OS X).

## ***Creating a desktop printer icon (Macintosh 8.6–9.x)***

**Note:** A PPD file provides detailed information about the capabilities of a printer to your Macintosh computer.

**Note:** A PPD for your printer is also available in a downloadable software package on our Lexmark Web site at [www.lexmark.com](http://www.lexmark.com).

- 1** Install a printer PostScript™ Printer Description (PPD) file on your computer.
  - a** Insert the drivers CD.
  - b** Double-click **Classic**, and then double-click the installer package for your printer.
  - c** Choose the language you want to use, and then click **OK**.
  - d** Click **Accept** after you read the license agreement.
  - e** Click **Continue** after you finish with the Readme file.
  - f** Choose a default paper size.
  - g** On the Easy Install screen, click **Install**. All the necessary files are installed on your computer.
  - h** Click **Quit** when installation is complete.
- 2** Do one of the following:  
*Macintosh 8.6–9.0:* Open **Apple LaserWriter**.  
*Macintosh 9.1–9.x:* Open **Applications**, and then click **Utilities**.
- 3** Double-click **Desktop Printer Utility**.
- 4** Select **Printer (USB)**, and then click **OK**.
- 5** In the USB Printer Selection section, click **Change**.  
*If your printer does not appear in the USB Printer Selection list, make sure the USB cable is properly connected and the printer is turned on.*
- 6** Select the name of your printer, and then click **OK**. Your printer appears in the original Printer (USB) window.
- 7** In the PostScript Printer Description (PPD) File section, click **Auto Setup**. Make sure your printer PPD now matches your printer.
- 8** Click **Create**, and then click **Save**.

*Install drivers for local printing*

## Creating a queue in Print Center (Macintosh OS X)

**Note:** A PPD file provides detailed information about the capabilities of a printer to your Macintosh computer.

**Note:** A PPD for your printer is also available in a downloadable software package on our Lexmark Web site at [www.lexmark.com](http://www.lexmark.com).

**9** Specify a printer name, and then click **Save**. Your printer is now saved as a desktop printer.

**1** Install a printer PostScript Printer Description (PPD) file on your computer.

**a** Insert the drivers CD.

**b** Double-click **Mac OS X**, and then double-click the installer package for your printer.

**c** On the Authorization screen, choose **Click the lock to make changes**.

**d** Enter your password, and then click **OK**.

**e** Click **Continue** on the Welcome screen and again after you view the Readme file.

**f** Click **Agree** to accept the license agreement.

**g** Select a Destination, and then click **Continue**.

**h** On the Easy Install screen, click **Install**. All the necessary files are installed on your computer.

**i** Click **Close** when installation is complete.

**2** Open Finder, click **Applications**, and then click **Utilities**.

**3** Double-click **Print Center**.

**4** Do one of the following:

*If your USB-attached printer appears in the Printer List, you can quit Print Center. A queue has been created for your printer.*

*If your USB-attached printer does not appear in the Printer List, make sure the USB cable is properly connected and the printer is turned on. After the printer appears in the Printer List, you can quit Print Center.*

## UNIX/Linux

Local printing is supported on many UNIX and Linux platforms, such as Sun Solaris and Red Hat.

The Sun Solaris and Linux packages are available on the drivers CD and on our Lexmark Web site at [www.lexmark.com](http://www.lexmark.com). The

*Install drivers for local printing*

*User's Guide* in each package gives detailed instructions for installing and using Lexmark printers in UNIX and Linux environments.

All the printer driver packages support local printing using a parallel connection. The driver package for Sun Solaris supports USB connections to Sun Ray appliances and Sun workstations.

Visit our Lexmark Web site at **[www.lexmark.com](http://www.lexmark.com)** for a complete list of supported UNIX and Linux platforms.



# Step 10: Verify printer setup

The Menu Settings page lists all the options you installed. If a feature or an option is not listed, check your installation. The Network Setup page provides information that is needed if you are attaching your printer to a network.

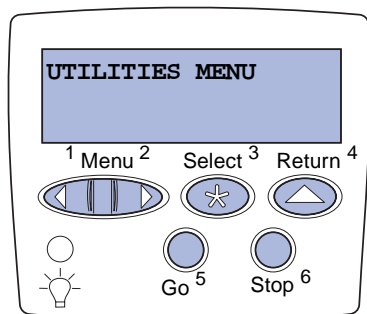
This is also a good time to print Quick Reference and Clearing Jams information. See "Printing Quick Reference information" on page 45.

## Printing a menu settings page

**Note:** For more information about using the printer operator panel and changing menu settings, refer to the publications CD.

Print a menu settings page to review the default printer settings and to verify that printer options are installed correctly.

- 1 Make sure the printer is on.
- 2 Press **Menu** until you see **UTILITIES MENU**, and then press **Select**.
- 3 Press **Menu** until you see **Print Menus**, and then press **Select** to print the page. The message **Printing Menus** appears on the display.
- 4 Verify that the options you installed are correctly listed under "Installed Features."



**Note:** When you add or remove these options: 530-sheet tray, duplex unit, printer or flash memory, or firmware card, remember to update the printer configuration through your printer driver.

If an option you installed is not listed, turn the printer off, unplug the power cord, and reinstall the option. See Step 6: "Install memory, firmware, or option cards" on page 22 for more information.

- 5** Verify the amount of memory installed is correctly listed under "Printer Information."
- 6** Verify that the paper trays are configured for the sizes and types of paper you loaded.

## Printing a network setup page

**Note:** If an optional MarkNet™ print server is installed, you may see **Print Net1 Setup** (or **Print Net2 Setup**).

If the printer is attached to a network, print a network setup page to verify the network connection. This page also provides important information that helps you configure for network printing.

*Save the network setup page after it prints.* You will use it in the later steps.

- 1** Make sure the printer is on.
- 2** Press **Menu** until you see **UTILITIES MENU**, and then press **Select**.
- 3** Press **Menu** until you see **Print Net Setup**, and then press **Select** to print the page.
- 4** Check the first section on the network setup page and confirm that Status is "Connected."

*If Status is "Not Connected,"* your LAN drop may not be active or your network cable may be malfunctioning. Consult your network administrator for a solution. Afterwards, print another network setup page to verify connection to your network.

## Printing Quick Reference information

Information about using the printer and clearing jams is included on the publications CD that shipped with your printer documentation.

We recommend you print this information and store it in a convenient location near the printer.

To print Quick Reference information stored on the CD:

- 1** Launch the CD.
- 2** Click **Quick Reference**.

*Verify printer setup*

**3** Print the document.

To print Quick Reference pages stored in the printer:

- 1** Make sure the printer is on.
- 2** Press **Menu** until you see **UTILITIES MENU**, and then press **Select**.
- 3** Press **Menu** until you see **Quick Reference**, and then press **Select**.
- 4** Press **Menu** until you see the topic you want to print, and then press **Select**.
- 5** Repeat steps 2 through 4 to print other pages.

# Step 11: Configure for TCP/IP

If you have TCP/IP available on your network, we recommend that you assign an IP address to the printer.

## Assigning a printer IP address

*If your network is using DHCP, an IP address is automatically assigned after you connect the network cable to the printer.*

- 1 Look for the address under the “TCP/IP” heading on the network setup page. This is the page you printed in “Printing a network setup page” on page 45.
- 2 Go to “Verifying the IP settings” on page 48 and begin with step 2.

*If your network is not using DHCP, then you must manually assign an IP address to the printer.*

An easy way to do this is to use the printer operator panel:

**Note:** **Standard Network** appears if you purchased a printer with a network port on the printer system board. If you have a MarkNet print server installed in option card slot 1 or 2, you see **Network Option 1** or **Network Option 2**.

- 1 Press **Menu** until you see **NETWORK MENU**, and then press **Select**.
- 2 Press **Menu** until you see **Standard Network**, and then press **Select**.
- 3 Press **Menu** until you see **Std Net Setup** (or **Network 1 Setup** or **Network 2 Setup**), and then press **Select**.
- 4 Press **Menu** until you see **TCP/IP**, and then press **Select**.
- 5 Press **Menu** until you see **Set IP Address**, and then press **Select**.
- 6 Change the address by pressing **Menu** to increase or decrease each number. Press **Select** to move to the next segment. Press **Select** when you are finished.

The message **saved** appears briefly.

- 7 Press **Menu** until you see **Set IP Netmask**, and then press **Select**.

*Configure for TCP/IP*

- 8** Repeat step 6 to set the IP Netmask.
- 9** Press **Menu** until you see **Set IP Gateway**, and then press **Select**.
- 10** Repeat step 6 to set the IP Gateway.
- 11** When you are finished, press **Go** to return the printer to the **Ready** state.
- 12** Go on to “Verifying the IP settings” on page 48.

## Verifying the IP settings

**Note:** On Windows computers, click **Start ▶ Run**.

- 1** Print another network setup page. Look under the “TCP/IP” heading and make sure the IP address, netmask, and gateway are what you expected.

See “Printing a network setup page” on page 45 if you need help.

- 2** Ping the printer and verify that it responds. For example, at a command prompt on a network computer, type **ping** followed by the new printer IP address (for example, **192.168.0.11**):

```
ping xxx.xxx.xxx.xxx
```

If the printer is active on the network, you should receive a reply.

## Configuring for Pull Printing

If your printer has an optional ImageQuick firmware card installed, you can configure for Pull Printing once an IP address has been assigned to the printer.

For detailed configuration instructions, refer to the CD that shipped with the ImageQuick firmware card.

# Step 12: Install drivers for network printing

After you have assigned and verified the TCP/IP settings, you are ready to install the printer on each network computer.

## Windows

In Windows environments, network printers can be configured for direct printing or shared printing. Both network printing methods require the installation of a printer driver and the creation of a network printer port.

### *Supported printer drivers*

- Windows system printer driver
- Lexmark custom printer driver

System drivers are built into Windows operating systems. Custom drivers are available on the drivers CD.

Updated system and custom drivers are available on our Lexmark Web site at **[www.lexmark.com](http://www.lexmark.com)**.

### *Supported network printer ports*

- Microsoft IP port—Windows NT 4.0, Windows 2000, Windows XP, and Windows Server 2003
- Lexmark network port—Windows 95/98/Me, Windows NT 4.0, Windows 2000, Windows XP, and Windows Server 2003

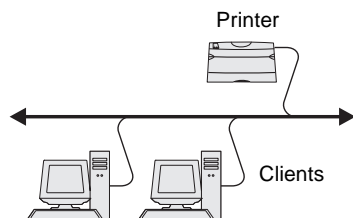
For basic printer functionality, you can install a system printer driver and use a system network printer port, such as an LPR or a standard TCP/IP port. The system printer driver and port let you maintain a consistent user interface for use with all the printers on your network. However, using a custom printer driver and network port provides enhanced functionality, such as printer status alerts. Follow the steps

*Install drivers for network printing*

for your printing configuration and operating system to configure your network printer:

Printing configuration	Operating system	Go to page...
<b>Direct</b> <ul style="list-style-type: none"> <li>Printer is connected directly to the network using a network cable, such as Ethernet.</li> <li>Printer drivers are typically installed on each network computer.</li> </ul>	Windows 95/98/Me, Windows NT 4.0, Windows 2000, Windows XP, or Windows Server 2003	50
<b>Shared</b> <ul style="list-style-type: none"> <li>Printer is connected to one of the computers on the network using a local cable, such as USB.</li> <li>Printer drivers are installed on the computer attached to the printer.</li> <li>During driver installation, the printer is set up to be "shared" so that other network computers can print to it.</li> </ul>	Windows NT 4.0, Windows 2000, Windows XP, or Windows Server 2003	51

## Direct printing using Windows 95/98/Me, Windows NT 4.0, Windows 2000, Windows XP, and Windows Server 2003



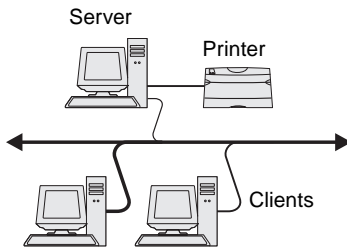
**Note:** If you don't know the IP address, print a network setup page and look under the TCP/IP heading. For help, see "Printing a network setup page" on page 45.

To install a custom printer driver and network port:

- 1** Launch the drivers CD.
- 2** Click **Install Printer and Software**.
- 3** Click **Printer**.
- 4** Click **Agree** to accept the license agreement.
- 5** Select **Quick install**, and then click **Next**.
- 6** Click **Create new port**.
- 7** Click **Add Port**.
- 8** Select **Lexmark TCP/IP Network Port**, and then click **Add**.
- 9** Enter the information to create the port.
  - a** Assign a logical port name.  
 This can be any name that you associate with the printer, such as **Color1-lab4**. After the port is created, this name appears in the list of available ports on the Method of Connection screen.
  - b** Enter the IP address in the text box.
  - c** Click **Add Port**.
- 10** Click **Done** until you return to the Method of Connection screen.

*Install drivers for network printing*

## ***Shared printing from a server using Windows NT 4.0, Windows 2000, Windows XP, and Windows Server 2003***



- 11** Select the newly-created port from the list, and then select the model of the printer you want to install.
- 12** Click **Finish** to complete the installation.
- 13** Print a test page to verify printer installation.

After connecting your printer to a Windows NT 4.0, Windows 2000, Windows XP, or Windows Server 2003 computer (which will act as a server), follow these steps to configure your network printer for shared printing:

### **Step 1: Install a custom printer driver**

- 1** Launch the drivers CD.
- 2** Click **Install Printer and Software**.
- 3** Click **Printer**.
- 4** Click **Agree** to accept the license agreement.
- 5** Select **Quick install**, and then click **Next**.
- 6** Select the desired port from the list, and then select the model of the printer you want to install.
- 7** Click **Finish** to complete the installation.
- 8** Print a test page to verify printer installation.

### **Step 2: Share the printer on the network**

- 1** Click **Start ▶ Settings ▶ Printers**.
- 2** Select the printer you just created.
- 3** Click **File ▶ Sharing**.
- 4** Check the **Shared** check box, and then enter a name in the **Shared Name** text box.
- 5** In the Alternate Drivers section, select the operating systems of all the network clients that will print to the printer.
- 6** Click **OK**.

*Install drivers for network printing*



**Note:** If you are missing files, you may be prompted to provide the server operating system CD.

- 7** Check the following to make sure the printer was successfully shared.
  - The printer object in the Printers folder now has a shared indicator. For example, in Windows NT 4.0, a hand appears under the printer object.
  - Browse Network Neighborhood. Find the host name of the server and look for the shared name you assigned to the printer.

### Step 3: Install the printer driver (or subset) on network clients

#### *Using the point and print method*

**Note:** This method is usually the best use of system resources. The server handles driver modifications and the print job processing. This lets network clients return to applications much faster.

With this method, a subset of driver information is copied from the server to the client computer. This is just enough information to send a print job to the printer.

- 1** On the Windows desktop of the client computer, double-click **Network Neighborhood**.
- 2** Locate the host name of the server computer, and then double-click the host name.
- 3** Right-click the shared printer name, and then click **Install**.
- 4** Wait a few minutes for the driver information to be copied from the server computer to the client computer, and for a new printer object to be added to the Printers folder. The time this takes varies, based on network traffic and other factors.
- 5** Close Network Neighborhood.
- 6** Print a test page to verify printer installation.

### *Using the peer-to-peer method*

With this method, the printer driver is fully installed on each client computer. Network clients retain control of driver modifications. The client computer handles the print job processing.

- 1** Click **Start ▶ Settings ▶ Printers**.
- 2** Click **Add Printer** to launch the Add Printer wizard.
- 3** Click **Network Print Server**.
- 4** Select the network printer from the Shared printers list. If the printer is not listed, enter the path of the printer in the text box.

The path will look similar to the following:

`\\<server host name>\<shared printer name>`

The server host name is the name of the server computer that identifies it to the network. The shared printer name is the name assigned during the server installation process.

- 5** Click **OK**.
- 6** Select whether you want this printer to be the default printer for the client, and then click **Finish**.
- 7** Print a test page to verify printer installation.

**Note:** If this is a new printer, you may be prompted to install a printer driver. If no system driver is available, then you will need to provide a path to available drivers.

## Macintosh

**Note:** A PostScript Printer Description (PPD) file provides detailed information about the capabilities of a printer to your UNIX or Macintosh computers.

To print to a network printer, each Macintosh user must install a custom PostScript Printer Description (PPD) file and either create a desktop printer on the computer (Mac OS 8.6–9.x) or create a print queue in Print Center (Mac OS X). Follow the instructions for your operating system:

Operating system	Go to page...
Mac OS 8.6 to 9.x	54
Mac OS X version 10.1.2 and later	55

## Mac OS 8.6–9.x

**Note:** Installing the custom PPD is required only if this is the first time the printer has been set up. If the printer was previously installed, go on to “Step 2: Create a desktop printer” on page 54.

### Step 1: Install a custom PPD file

- 1** Insert the drivers CD into your CD-ROM drive.
- 2** Double-click **Classic**.
- 3** Double-click the **Lexmark Installer** icon.
- 4** Select the language of your operating system, and then click **OK**.
- 5** Click **Install** to install the PPD file for your printer.

### Step 2: Create a desktop printer

- 1** In the Chooser, select the **LaserWriter 8** driver.
- 2** If you have a routed network, select the default zone from the list. If you don't know which zone to select, look on the Network Setup page under AppleTalk for Zone.
- 3** Select the new printer from the list.
- 4** If you don't know which printer to select, look on the Network Setup page under the AppleTalk heading to find the default name of the printer.
- 5** Click **Create**.
- 6** Make sure there is an icon next to the printer name in the Chooser.
- 7** Close the Chooser window.
- 8** Verify printer installation.
  - a** Click the desktop printer icon you just created.
  - b** Choose **Printing ▸ Change Setup**.
    - If the PPD file displayed in the PPD file portion of the menu is correct for your printer, printer setup is complete.
    - If the PPD file displayed in the PPD file portion of the menu is not correct for your printer, repeat “Step 1: Install a custom PPD file” on page 55.

## Mac OS X version 10.1.2 and later

### Step 1: Install a custom PPD file

- 1 Insert the drivers CD into your CD-ROM drive.
- 2 Click **Mac OS X ▶ English**.
- 3 Double-click the installer icon for your printer to run the installer.

### Step 2: Create a print queue in Print Center

- 1 Click **Applications ▶ Utilities ▶ Print Center**.
- 2 Click **Add Printer**.
- 3 Choose **AppleTalk** as your method of connection.
- 4 If you have a routed network, select the zone from the list. If you don't know which zone to select, look on the Network Setup page under AppleTalk for Zone.
- 5 Select the new printer from the list, and then click **Add**.
- 6 Verify printer installation:
  - a Click **Applications ▶ TextEdit**.
  - b Choose **File ▶ Print ▶ Summary**. The Summary window shows the PPD installed for your printer.
    - If the PPD file displayed in the Summary window is correct for your printer, printer setup is complete.
    - If the PPD file displayed in the Summary window is not correct for your printer, delete the print queue from Print Center and repeat "Step 1: Install a custom PPD file" on page 55.

**Note:** If you don't know which printer to select, look on the Network Setup page under the AppleTalk heading to find the default name of the printer.

## UNIX/Linux

**Note:** The Sun Solaris and Linux packages are available on the drivers CD and on our Lexmark Web site at [www.lexmark.com](http://www.lexmark.com).

Your printer supports many UNIX and Linux platforms, such as Sun Solaris and Red Hat. Visit our Lexmark Web site at [www.lexmark.com](http://www.lexmark.com) for a complete list of supported UNIX and Linux platforms.

Lexmark provides a printer driver package for each supported UNIX and Linux platform. The *User's Guide* in each package gives detailed instructions for installing and using Lexmark printers in UNIX and Linux environments.

*Install drivers for network printing*

You can download these packages from our Lexmark Web site. You may also find the driver package you need on the drivers CD.

## NetWare

Your printer supports both Novell Distributed Print Services (NDPS) and regular queue-based NetWare environments. For the latest information about installing a network printer in a NetWare environment, launch the drivers CD and click **View Documentation**.

# Step 13: Using the publications CD



## Viewing the CD contents

**Note:** The publications CD is shipped inside the *Setup Guide*.

Launch the publications CD and browse the contents to see a complete list of the available information.

The type of helpful information provided on the publications CD includes:

- Tips for successful printing
- Ways to improve print quality
- Information about using the printer operator panel
- Instructions for replacing supplies
- Solutions to common printing problems
- Methods for clearing jams
- Overview of printer menus
- Explanation of printer messages

## Distributing the information

You can give users access to the information on the publications CD in several ways:

- Give the publications CD to a system administrator or the Help desk.
- Copy the entire contents of the CD (or just specific topics) to a shared network drive or intranet site.
- Print the information on the publications CD and store it near the printer for easy access.
- Send Lexmark's printer documentation URL to printer users (**[www.lexmark.com/publications](http://www.lexmark.com/publications)**). Users with Internet access can browse the site.

## Storing Quick Reference information

We recommend that during printer setup you print the Quick Reference information you want to use. Store the information near the printer for easy access.

See "Printing Quick Reference information" on page 45 for printing instructions.

## Congratulations!

You are now ready to use your new printer. Save this book if you anticipate purchasing printer options in the future.

# Statement of Limited Warranty

## **Lexmark International, Inc., Lexington, KY**

This warranty applies to the United States and Canada. For customers outside the U.S. and Canada, refer to the country-specific warranty information that came with your printer.

## **Lexmark C510**

This Statement of Limited Warranty applies to this product if it was originally purchased for your use, and not for resale, from Lexmark or a Lexmark remarketer, referred to in this statement as "Remarketer."

## **Warranty**

Lexmark warrants that this product:

- Is manufactured from new parts, or new and serviceable used parts, which perform like new parts
- Is free from defects in material and workmanship
- Conforms to Lexmark's official published specifications
- Is in good working order

If this product does not function as warranted during the warranty period, contact a Remarketer or Lexmark for repair without charge.

If this product is a feature or option, this statement applies only when that feature or option is used with the product for which it was designed. To obtain warranty service, you may be required to present the feature or option with the product.

If you transfer this product to another user, warranty service under the terms of this statement is available to that user for the remainder of the warranty period. You should transfer proof of original purchase and this statement to that user.

## **Warranty service**

The warranty period is 12 months and starts on the date of original purchase as shown on the purchase receipt.

To obtain warranty service you may be required to present proof of original purchase. Warranty service will be provided at your location.

When warranty service involves the exchange of a product or part, the item replaced becomes the property of the Remarketer or Lexmark. The replacement may be a new or repaired item. The replacement item assumes the remaining warranty period of the original product.

Replacement is not available to you if the product you present for exchange is defaced, altered, in need of a repair not included in warranty service, or damaged beyond repair. Also, such product must be free of any legal obligation or restrictions that prevent its exchange.

Before you present this product for warranty service, remove all programs, data, and removable storage media.

For further explanation of your warranty alternatives and the nearest Lexmark authorized servicer in your area, please contact Lexmark at 1-859-232-3000, or on the World Wide Web at <http://support.lexmark.com>.



Remote technical support is provided for this product throughout its warranty period. Lexmark offers a variety of extended warranty programs that include an extension of technical support. For products no longer covered by a Lexmark warranty, technical support may only be available for a fee.

### **Extent of warranty**

We do not warrant uninterrupted or error-free operation of a product.

Warranty service does not include repair of failures caused by:

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- Accidents or misuse
- Unsuitable physical or operating environment
- Maintenance by anyone other than Lexmark or a Lexmark authorized servicer
- Operation of a product beyond the limit of its duty cycle
- Failure to have installed a maintenance kit as specified (if applicable)
- Use of printing media outside of Lexmark specifications
- Use of other than Lexmark supplies (such as toner cartridges, inkjet cartridges, and ribbons)
- Use of other than Lexmark product or component

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